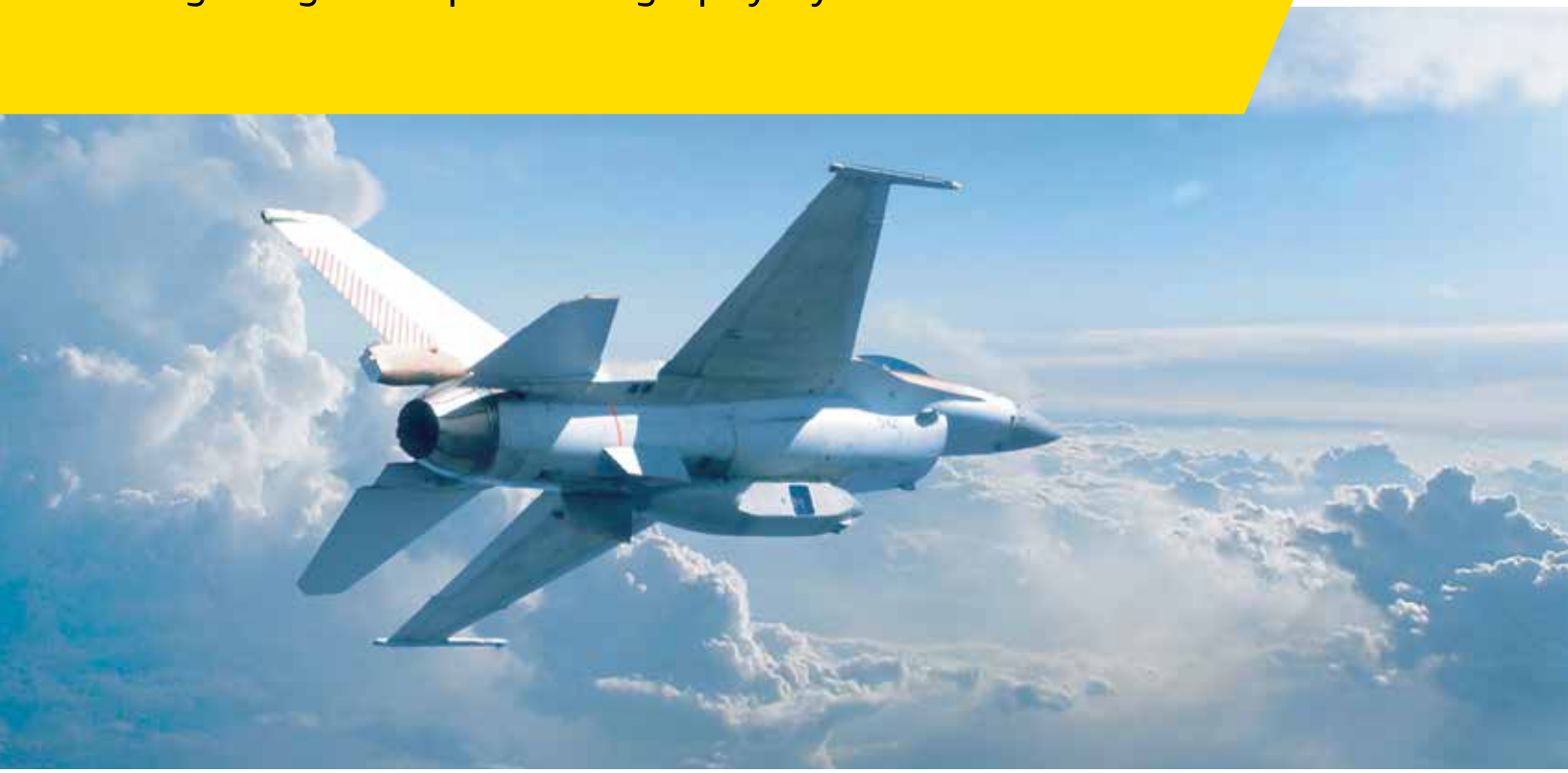
ELOP Condor™2

Long Range Oblique Photography System



Providing high resolution imagery at long stand-off distances

Condor2 is an EO/IR LOROP (Long Range Oblique Photography) system that provides simultaneous high-resolution visible and IR reconnaissance images at a long stand-off distance from the target, covering wide areas in a short time span.

The key advantage of the system is reduced risk to the aircraft by enabling photography at higher altitudes and longer stand-off distances, thus reducing the risk to the platform from such ground threats as anti-aircraft missiles.

Offering a comprehensive operational solution consisting of several major subsystems, Condor2 includes the pod itself, a wideband data link, fixed and transportable image exploitation stations and support equipment.

The system incorporates a high performance, long focal length electro-optical camera, based on unique technological and optical capabilities developed in-house.

Elbit Systems™ ISTAR

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The fully autonomous Condor2 system can operate from a wide variety of platforms, including supersonic fighter aircraft, business jets, maritime patrol aircraft and other air vehicles, at altitudes of up to 50,000 feet. It is already operational in four air forces around the world.

Major System Characteristics

- Operational suitability for a wide range of missions
- Day and night imaging: dual-band EO/IR camera with common front optics
- Covers tens of thousands of square kilometers per hour in high resolution
- Fully autonomous target coverage; precise geo-referencing
- Interface with a wide range of aircraft
- Pilot override for targets of opportunity
- On-board mission data recording
- Wide band data link for real time image transmission
- Fixed and/or transportable image exploitation stations

Typical Operational Flight Envelope

Altitude	10,000 – 50,000 feet
Speed	Up to M1.4

Typical Images

From 80 km slant range

From 37 km slant range

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